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	I here	by certify	that this	correspondence is being deposited	with the U.S. Postal Serv	vice with sufficien	nt postage as Fi	rst Class
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an an		Timoth	y J. Rea	ardon <i>et al</i> .	ART UNIT:	1734	•	0
	SERL	AL No.:	09/893	,315	CONFIRMA	TION No.: 2	812	
	FILE): June	26, 200)1	ATTY DOC	KET NO.: 291	95-8161US	
	For:		CONDU RATUS	ICTOR PROCESSING				
	Sir:							
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	2.	Cited	Inform	ation				
			Copie	es of the following reference	es are enclosed:			
				All cited references References not marked by The following:	v asterisks			
			09/57	es of the following references, 5,965 filed May 23, 2000; Patent No. 6,066,575); Seri	Serial No. 08/883,	,393 filed Jur	ne 26, 1997	(now

Patent No. 5,658,387); Serial No. 07/855,767 filed March 18, 1992 (now U.S. Patent No. 5,431,421); Serial No. 07/665,942 filed March 6, 1991 (now U.S.

		Patent priorit	No. 5,235,995); and Serial No. 07/526,243 (now U.S. Patent 5,168,887) by to each of which is claimed under 35 USC §120:							
			All cited references References marked by asterisks The following:							
_		unders comm citing langua prepar langua teachi	The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference, (iii) a copy of a reference which appears to be an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.							
			All cited references References marked by ampersands The following:							
	Effect	of Info	rmation Disclosure Statement (37 CFR 1.97(h))							
•	(i) a so applica third p be, ma of inf	earch hation do parties a sterial to formation	tion Disclosure Statement is not to be construed as a representation that: as been made; (ii) additional information material to the examination of this been not exist; (iii) the information, protocols, results and the like reported by are accurate or enabling; or (iv) the cited information is, or is considered to patentability. In addition, applicant does not admit that any enclosed item on constitutes prior art to the subject invention and specifically reserves the instrate that any such reference is not prior art.							
	Fee Pa	yment								
	No fees are believed due. However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.									
	Patent	Term A	Adjustment (37 CFR 1.704(d))							
The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application are that this communication was not received by any individual designated 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement 37 C.F.R. § 1.704(d).										

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Date: 21 Decol

Respectfully submitted,

Edward S. Hotchkiss Registration No. 33,904 PECEIVED TOOP

Correspondence Address:

Customer No. 25096 Phone: (206) 583-8888

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- ODE	1	of	6	Attorney Docket No.	29195 8161US	

		₊	U.S. PATENT DOCUME	NTS	
EXAMINER INITIALS	Cite U.S. Patent Document No. NUMBER Kind Code (if known)			Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	*	2,774,364	Brobeil	12/18/56	
	*	3,107,034	Dunnous	10/15/63	
	*	3,148,085	Wiegmann	9/8/64	
		3,313,266	Kelson	4/11/67	
	*	3,326,717	Gregor et al.	6/20/67	
	٠	3,339,297	Stinn et al.	9/5/67	
	*	3,489,608	Jacobs et al.	1/13/70	
	•	3,585,668	Jaccodine et al.	6/22/71	
	*	3,601,627	Booher	8/24/71	
	•	3,727,620	Orr	4/17/73	
	٠	3,773,578	Glendinning et al.	11/20/73	
	•	4,056,462	Li et al.	11/1/77	
· · · · · · · · · · · · · · · · · · ·	*	4,065,692	Osterhout	12/27/77	
	*	4,085,560	McClosky	4/25/78	
	*	4,094,884	Kelly	6/13/78	
	*	4,127,362	Fladby	11/28/78	
	•	4,139,333	Sipos	2/13/79	
	•	4,159,917	Gluck	7/3/79	
	•	4,161,356	Giffin et al.	7/17/79	
		4,168,886	Grigaliunas	9/25/79	
-	•	4,168,887	Yevick	9/25/79	
	•	4,183,508	Michelet et al.	1/15/80	
	*	4,192,087	Salomon	3/11/80	
	*	4,222,345	Bergfelt et al.	9/16/80	
	•	4,224,503	Gijzel et al.	9/23/80	

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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744	- SE	1	•	Group Art Unit	entor	Timothy J. Reardon 6	et ar.	
	- GOLARY			Examiner Name		1754		
4	4 TRABEACT	2	of 6	Attorney Docket N	No.	29195.8161US		
-		* 4,232,328	Hartman et al.		11/4/80			
-		• 4,252,137	Cohen		2/24/81			
L		• 4,264,374	Beyer et al.		4/28/81			
		* 4,267,212	Sakawaki		5/12/81			
		4 ,270,248	Akashi		6/2/81			
		4,282,825	Nagatomo et al.		8/11/81			
		4,290,384	Ausschnitt et al.	-22 2 2 2				
L		4,313,266	Tam		9/22/81			
	*	4,339,297	Aigo		2/2/82			
	*	4,344,743	Bessman et al.		7/13/82 8/17/82 3/29/83			
	*	4,378,511	Simovits, Jr.					
		4,403,617	Tretinyak		9/13/83			
	*	4,416,213	Sakiya					
	•	4,429,912	Smith, Jr.		11/22/83 2/7/84			
	•	4,429,983	Cortellino et al.					
		4,437,812	Abu-Shumays et al.		2/7/84			
	•	4,457,259	Samuels		3/20/84			
		4,457,419	Ogami et al.		//3/84			
		4,475,665	Norton		//3/84			
		4,483,665	Hauser		0/9/84			
		4,519,846	Aigo	11/20/84				
	•	4,542,038	Odaka et al.		/28/85			
	•	4,580,699	Black et al.		17/85			
	•	4,588,185	Shoda et al.		8/86			
	•	4,590,094			13/86			
	•	4,601,627	Ringer, Jr.		20/86			
		4,605,479	Oka et al.		22/86			
		4,651,440	Faith, Jr.	8/1	12/86			
		<u> </u>	Karl	3/2	24/87			

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	,6/	<u> </u>					Examiner Name				
he	RADEMAR		3	of		6	Attorney Docket	No.	29195.8161US	3	
1		*	4,668,334		Door	nveld		5/26/8	37		
		*	4,687,542		Davis	s et al.		8/18/8	37		
		*	4,688,918		Suzu	ki et al.		8/25/8	37		
		*	4,693,777		Haza	no et al.		9/15/8	37		
		*	4,709,858		Stern	et al.		12/1/8	37		
		*	4,724,317		Brow	n et al.	and the second second second second	2/9/88		,	
	. p	57 , =	4,736,758		Kusu	hara		4/12/8	38		
		*	4,745,422		Mats	uoka et al.		5/17/8	38		
		*	4,749,440		Black	cwood et al.		6/7/88	3		
		*	4,778,559		McN	McNeilly		10/18	/88		
		*	4,788,994		Shint	para		12/6/8	8		
		*	4,793,282		Green	nberg et al.		12/27	/88		
		*	4,797,316		Hecq	et al.	-	1/10/8	39		
		*	4,804,560		Shioy	ya et al.		2/14/8	39		
		*	4,830,882		Ichin	ose et al.		5/16/8	9		
		*	4,832,580		Tsuy	oshi et al.		5/23/89			
		*	4,857,142		Syve	rson		8/15/8	39		
		*	4,863,066		Uffen	heimer et al.		9/5/89			
\lceil		*	4,865,641		Sasse	et al.		9/12/8	39		
		٠	4,871,417		Nishi	izawa et al.		10/3/8	39		
		*	4,875,824		Moe	et al.		10/24/	/89		
		•	4,885,047		Ury e	et al.		12/5/8	9		
		*	4,895,099		D'Amato			1/23/9	0		
		•	4,900,395		Syver	rson et al.		2/13/9	0		
		*	4,923,054		Ohta	ni et al.		5/8/90			
		•	4,924,800		Tana	ka		5/15/9	0		
		•	4,932,353		Kawa	nta et al.		6/12/9	0		
		*	4,936,940		Kawa	asumi et al.		6/26/9	0		

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

DATE CONSIDERED

EXAMINER

Approved for use through 10/31/95 OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT COMMERCE COMMERCE

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	Confirmation Number	2812
	Filing Date	06/26/2001
	First Named Inventor	Timothy J. Reardon et al.
	Group Art Unit	1734
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1		4,938,691		of	Autorney Docke			cket No. 29195.8161US			
1.	ŀ					 -			7/3/90		
. 4,977,688 Roberson, Jr. et al. 10/2/90 . 4,987,854 Hall 1/29/91 . 4,996,080 Daraktchiev 2/26/91 . 5,002,008 Ushijima et al. 3/26/91 . 5,065,692 Hollesen et al. 10/15/91 . 5,085,560 Thompson et al. 2/4/92 . 5,094,884 Hillman et al. 3/10/92 . 5,127,362 Iwatsu et al. 7/7/92 . 5,168,886 Thompson et al. 12/8/92 . 5,168,887 Thompson et al. 12/8/92 . 5,183,508 Cholinski 2/2/93 . 5,183,508 Cholinski 2/2/93 . 5,192,087 Kawashima et al. 3/9/93 . 5,224,503 Thompson et al. 7/6/93 . 5,232,328 Owczarz et al. 8/3/93 . 5,235,995 Bergman et al. 8/17/93 . 5,252,137 Tateyama et al. 10/12/93 . 5,358,740 Borside et al. 12/14/93 . 5,378,511 Cardinali et al. 1/3/95 . 5,429,912 Neoh 7/4/95									7/31/9	0	
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* 5,002,008 Ushijima et al. 3/26/91 * 5,056,462 Perkins et al. 10/15/91 * 5,065,692 Hollesen et al. 11/19/91 * 5,085,560 Thompson et al. 2/4/92 * 5,094,884 Hillman et al. 3/10/92 * 5,127,362 Iwatsu et al. 7/7/92 * 5,168,886 Thompson et al. 12/8/92 * 5,168,887 Thompson et al. 12/8/92 * 5,183,508 Cholinski 2/2/93 * 5,183,508 Cholinski 3/9/93 * 5,192,087 Kawashima et al. 3/9/93 * 5,224,503 Thompson et al. 7/6/93 * 5,232,328 Owczarz et al. 8/3/93 * 5,235,995 Bergman et al. 8/17/93 * 5,252,137 Tateyama et al. 10/12/93 * 5,270,248 Rosenblum et al. 12/14/93 * 5,358,740 Bornside et al. 10/25/94 * 5,395,803 Adams 3/7/95 * 5,429,912 Neoh 7/4/95	-			<u> </u>		Hall			1/29/9		
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* 5,085,692 Hollesen et al. 11/19/91 * 5,085,560 Thompson et al. 2/4/92 * 5,094,884 Hillman et al. 3/10/92 * 5,127,362 Iwatsu et al. 7/7/92 * 5,168,886 Thompson et al. 12/8/92 * 5,168,887 Thompson et al. 12/8/92 * 5,183,508 Cholinski 2/2/93 * 5,192,087 Kawashima et al. 3/9/93 * 5,224,503 Thompson et al. 7/6/93 * 5,232,328 Owczarz et al. 8/3/93 * 5,235,995 Bergman et al. 8/17/93 * 5,252,137 Tateyama et al. 10/12/93 * 5,270,248 Rosenblum et al. 12/14/93 * 5,358,740 Bornside et al. 10/25/94 * 5,378,511 Cardinali et al. 1/3/95 * 5,429,912 Neoh 7/4/95	F					Perkin	s et al.		10/15/9	1	
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* 5,395,803 Adams 3/7/95 * 5,403,617 Haaland 4/4/95 * 5,429,912 Neoh 7/4/95		•	 		 				10/25/94		
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* 5,429,912 Neoh 7/4/95 * 5,431,421 Therese is a second of the second o	_	5,395,803 Adams				3/7/95					
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			5,431,42	<u> </u>	Th	ompso	n et al.		7/11/95		

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conformance and not considered. Include copy of this form with ATA\SOLUTION\Winword\FILES\SL012850.277	next communication to applicant(s).

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FOREIGN PATENT DOCUMENTS

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Examiner Name

Attorney Docket No.

EXAMINER INITIALS	Cite No.	Fo Office	oreign Patent Document Kind Code Number (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
	*	JPO	JP1-204427	Hitachi Ltd.	8/17/89		
	*	JPO	JP1-304732	Kubota Corp.	11/17/98	-	
	•	JP ₂ O	JP231330	Seiichirou.Sougou	11/16/85	SEESSESSESSESSESSESSES	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	*	JPO	JP3010-974	Matsushita Electric Ind. Co. Ltd.	8/15/79		
	*	JPO	JP45-40458		12/70		
· · · · · · · · · · · · · · · · · · ·	*	JPO	JP54-161275	Toshiba Corp.	12/20/79		
	*	JPO	JP54-71991	Matsushita Electronics Corp.	6/8/79		
	*	JPO	JP56-88320	Fujitsu Ltd.	7/17/81		
	*	JPO	JP58-19475	Asahi Chem. Ind. Co. Ltd.	2/4/83		Π
	•	JPO	JP59-166675	Fujitsu KK	9/20/84		
	*	JPO	JP61-148820	Hitachi Ltd.	7/7/86		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume0issue number(s), publisher, city and/or country where published.	Т
	*	Moreau et al., "Wafer Cleaner System", IBM Technical Disclosure Bulletin, Vol. 19, No. 10, pp. 2905-2906 (Mar. 1972).	
	•	Beyer et al., "IBM Tech. Disc. Bull.", Etching of SiO ₂ in Gaseous HF/H ₂ O, Vol. 19, No. 7, Dec. 1976, p. 2513.	
	*	Van der Heide, P.A. M., et al., "Etching of Thin SiO₂ Layers Using Wet HF Gas", J. Vac. Sci. Technol., A7(3), pp. 1719-1723, (May/Jun. 1989).	
	•	Burggraaf, Pieter, "Vapor-Phase Cleaning at Reduced Pressure", Semiconductor International, p. 36, (Dec. 1989).	
	•	Product Brochure, "Preliminary Product Information-EDGE 2000", Advantage, Production Technology Incorporated (1989).	

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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TRADEMAN		6	of	6	Attorney Docket No.	29195.8161US	
		System" in S	Shigeo Onishi, e	t al., Extended		opress Particles in Vapor HF/H ₂ O (1990 International) Conference on 9.	
IBM Technical Disclosure Bulletin Vol. 19, No. 7, p. 2574, Dec. 1976 "Process for Reducing Conference or Copper Wafer Contamination During Oxide Removal" by M. Briska, et al.							
	*	IBM Technic		Bulletin, Vol. 3	2, No. 1, June. 198	9, "Upside-Down Resist Coating of	

EXAMINER	DATI	DATE CONSIDERED						
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* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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Patent and Trademark Office: U.S. DEPARTMOST OF COMMERCE

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U.S. PATENT DOCUMENTS Pages, Columns, Lines, *EXAMINER Cite U.S. Patent Document Name of Patentee or Applicant Date of Publication of Cited Where Relevant Passages or NUMBER Kind Code of Cited Document INITIALS No. Document Relevant Figures Appear (if known) 3,641,973 2/15/72 Shrader 3,770,598 Creutz 11/6/73 3,798,056 Okinaka et al. 3/19/74 3,950,184 Adams et al. 4/13/76 3,962,047 Wagner 6/8/76 3,978,578 Murphy 9/7/76 4,027,686 Shortes et al. 6/7/77 4,092,176 Kozai et al. 5/30/78 4,110,176 Creutz, deceased et al. 8/29/78 4,113,492 Sato et al. 9/12/78 4,118,303 Gibbs 10/3/78 4,137,867 Aigo 2/6/79 4,170,959 Aigo 10/16/79 4,226,208 Nishida et al. 10/7/80 4,246,088 Murphy et al. 1/20/81 4,259,166 Whitehurst 3/31/81 4,280,882 7/28/81 Hovey 4,304,641 Grandia et al. 12/8/81 4,315,059 Raistrick et al. 2/9/82 4,336,114 Mayer et al. 6/22/82 4,339,313 Rechlicz 7/13/82 4,339,319 7/13/82 Aigo 4,341,613 7/27/82 Prusak et al. 4,351,266 9/28/82 Ando et al. 4,373,988 2/15/83 Bauser et al.

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	4,405,416		Watson			3/15				
			 	ck et al.		9/20				
	4,428,815		Powell	et al.		1/31	/84			
	4,435,266		Johnsto	on		3/6/8	34			
	4,466,864		Bacon	et al.		8/21	/84			
	4,469,566	-	Wray			9/4/8	84			
27	4,489,740		Rattan	et al.		12/2	5/84			
	4,510,176		Cuthbe	ert et al.		4/9/8	35			
	4,514,266		Cole et	al.		4/30	/85			
	4,518,678		Allen			5/21	/85			
	4,534,832		Doiron	, Jr.		8/13	/85			
	4,565,607		Hanak	et al.		1/21	/86			
	4,597,836		Schaer	et al.		7/1/8	36			
	4,624,749		Black 6	et al.		11/2	5/86			
	4,675,096		Tateish	ni et al.		6/23	/87			
	4,693,805		Quazi			9/15	/87			
	4,696,729		Santini	į		9/29	/87			
	4,732,785		Brewei			3/22	/88			
	4,750,505		Inuta e	t al.		6/14	/88			
	4,827,867		Takei e	et al.		5/9/8	39			
	4,828,654		Reed			5/9/8	39			
	4,838,978		Sekine	et al.		6/13	/89			
	4,838,979		Nishid	a et al.		6/13	/89			
	4,856,456		Hillma	n et al.		8/15	/89			
	4,856,641		Matsur	nura et al.		8/15	/89			
	4,861,452		Stierm	an et al.		8/29	/89			
	4,861,563		Sheker	jian et al.		8/29	/89			

EXAMINER	DATE CONSIDERED
* EXAMINER:	Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Show	3	of	5	Attorney Docket	No.	29195.8161U	S	
TA TRANS	4,879,007		Wong		11/7/	89		
	4,906,346		Hadersbeck et al	l.	3/6/90	0		
	4,924,890		Giles et al.		5/15/9	90		
	4,931,149		Stierman et al.		6/5/90	0		
	5,000,827		Schuster et al.		3/19/9	91		
	5,024,746		Stierman et al.		6/18/9	91		
	5,039,381		Mullarkey		8/13/	91		
	5,055,425		Leibovitz et al.		10/8/	91		
	5,069,760		Tsukamoto et al.	•	12/3/	91		
	5,078,852		Yee et al.		1/7/92			
	5,092,975		Yamamura et al		3/3/92	2		
	5,096,550		Mayer et al.		3/17/	92		
	5,100,502		Murdoch et al.		3/31/9	92		
	5,100,516		Nishimura et al.		3/31/9	92		
	5,155,336		Gronet et al.		10/13	/92		
	5,158,100		Tanaka et al.		10/27	/92		
	5,162,260		Leibovitz et al.		11/10	/92		
	5,169,408		Biggerstaff et al.		12/8/	92		
	5,222,310		Thompson et al.	***	6/29/	93		
	5,224,504		Thompson et al.		7/6/93			
	5,227,041		Brogden et al.		7/13/9			
	5,228,966		Murata		7/20/			
	5,230,743		Thompson et al.		7/27/	-		
	5,238,500		Bergman		8/24/	93		
	5,252,807		Chizinsky		10/12	/93		
	5,256,274		Poris		10/26	/93		
	5,259,407		Tuchida et al.		11/9/	93		

EXAMINER	DATE CONSIDERED
* EXAMINER:	Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include conv of this form with next communication to applicant(s).

Approved for use through 10/31/99. OMB 0651-0031
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TE IHINE	5,2	75,976		Mos	1	1.2001109 2001101	1/4/9	•	<u> </u>	
	5,2	290,361	_		ishida et al		3/1/9			
	5,2	294,257	_		y et al.		3/15/			
	<u> </u>	312,487			noto et al.		1			
	1	316,974					5/17/			
	<u>i i </u>	328,589	_	Cran			5/31/			
	l l. i.			Mart			7/12/			
	LI	232,328		Young, Jr. et al.				93		
	l., l.,	332,487						/94		
		235,995						/93		
	5,2	252,137		Tate	yama et al.	ma et al. 10/12/93		2/93		
	5,2	270,248		Rose	nblum et al.		12/14/93 8/23/94			
	5,3	340,437		Erk e	et al.	•				
	5,3	349,978		Sago	et al.	9/27/94				
	5,3	68,711		Rischke et al. 1 Bergman et al. 1			11/29/94			·
	5,3	72,699					12/13/94 1/3/95 2/21/95			
	5,3	377,708								
	5,3	91,285								
	5,4	05,518			h et al.		4/11/	/95		
	5,4	15,890		ļ	ber et al.		5/16/95			
	5,4	21,987			avaras et al.		6/6/9			
	5,4	29,733		Ishid			7/4/9			
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	EP	O EP018	4279		Hillman et al.		6	5/11/86		
	EP	O EP029	0218		Mears et al.			11/9/88		
	EP	O EP036	0678		Syverson		3/28/90			T
	& JP	ID 041	31395	1	Toru et al.		<u> </u>	5/6/92	1	+-

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								10	0/25/83							
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	&	JPO	JP 63	3-118093		Kokichi		5/	23/88	T						
	&	JPO	JP59	-208067		Katsuhiro		1	1/26/84							
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EXAMINER INITIALS Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume0issue number(s), publisher, city and/or country where published. Evan E. Patton, et al., "Automated Gold Plate-Up Bath Scope Document and Machine Specifications", Tektronix Confidential, dated August 4, 1989, pages 1-13.																
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* EXAMINER:	Initial if	reference	considered,	whether	or	not	criteria	is	in	conformance	with	MPEP	609.	Draw	line	through	citation	if	not	in
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